ABSTRACT OF THE DISCLOSURE

A commercial ice making machine having an electronic monitoring device which captures the operating status and production history of the ice machine.

The ice production history of the machine is communicated via telephony and/or the Internet on a regular recurring basis to a remote computer. The production history is used to generate invoices to the user of the ice machine, so that the user is charged based on his or her actual ice consumption. Failure of the ice machine is detected by the monitoring device and communicated immediately to a service company so that the ice machine can be repaired before the end user realizes the machine has failed.